

### ABSTRACT OF THE DISCLOSURE

The present invention relates to a grounding structure of an electrical connector suitable for high frequency transmitting. The high frequency connector mainly has a connecting part being combined with a plurality of grounding lines to

5 improve the electrical characteristics of the high frequency connector when it transmits a signal. Wherein, the connecting part further comprises a wing portion and a protrusion portion; thereby the connecting part can engage the grounding terminals with the grounding line of the cable to form electrical contact. Furthermore, one end of the connecting part is extended directly and comprises

10 predetermined grounding terminals, such that the grounding line can be directly connected to connecting part; such as, the electrical connector can have better electrical characteristics and the grounding line can directly be coupled to the grounding terminals without the soldering process by using aforesaid structure, meanwhile, the entire assembly process and the relative cost can be lessened.